BRUHATH BANGALORE MAHANAGARA PALIKE.
DASARAHALLI ZONE
Office of the Executive Engineer Dasarahalli Division

DTS

NAME OF WORK: Construction of Roads and Drains in Choudappa layout in Ward No.17

Sl. No	Description of work	Unit	Qty	Rate quoted by the contractor Sri	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately .complete as per directions of Engineer-in-charge.	Cum	115.50		
2	Earth work excavation by manual means for drains,canals and similar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, re-moval of stumps and other deleterious matter, excavated surface lev- eled and sides neatly dressed disposing off the excavated stuff or sort- ing & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.In all kinds of soils Depth upto 1.5 m. complete as per directions of Engineer-in-charge.	Cum	1059.62		
3	Loading and Unloading of Stone Boulder/ Stone aggregates/Sand/Kankar/Moorum. (Tipper 10 m3) complete as per directions of Engineer-in-charge.	Cum	1175.12		
4	Cost of Haulage Excluding Loading and Unloading Case-1 : Surfaced Road (Taking output 10 tonnes load and lead 10 km = 100 t.km) complete as per directions of Engineer-in-charge.	Km	15041.55		

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Sl. No	Description of work	Unit	Qty	Rate quoted by the contra- Sri	
				In Figures (Rs.)	In Words (Rs
5	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:4:8(M5) Using 40 mm and down size graded crushed coarse aggregates .complete as per directions of Engineer-in-charge.	Cum	30.24		
6	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately)M20 Design Mix Using 20 mm and down size graded crushed coarse aggregates .complete as per directions of Engineer-in-charge.	Cum	70.56		
7	Appendix I – Additionalities for Formwork, Centering & Scaffolding 2.Foundation, Sub structure of Cross drainages 5% .complete as per directions of Engineer-in-charge..	Cum	70.56		

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Sl. No.	Description of work	Unit	Qty	Rate quoted by the contractor Sri	
				In Figures (Rs.)	In Words (Rs.)
8	Supplying, Fitting and Placing TMT Fe 500 & above Reinforcement in Foundation/ Substructure/ Superstructure complete as per Drawing and Technical Specifications.complete as per directions of Engineer-in-charge.	MT	3.18		
9	Providing and laying 100mm thick pre-cast cover slabs over Rain water harvesting pit of width not exceeding 1000 mm using M20 concrete reinforced with TMT bars Fe 500 @ 6kg/m2, slabs jointed in CM 1:3 proportion and nicely finished Including providing holes in the Cover slabs wherever necessary for easy drainage of surface water including: of labour, materials, scaffolding, usage of machinery, curing, lead and lift charges etc, Complete as per directions of Engineer-in-charge.	Sqm	150.75		
10	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density .complete as per directions of Engineer-in-charge.	Cum	393.16		
11	Dry Lean Cement Concrete Sub- base Construction of dry lean cement concrete Sub-base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/ m3, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 t vibratory roller, finishing and curing.	Cum	393.16		

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No	Description of work	Unit	Qty	Rate quoted by the contr. Sri @ 25%	
				In Figures (Rs.)	In Words (R
12	Cement concrete pavementProviding and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, scalant , curing of concrete slabs for 14-days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work.	Cum	393.16		

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